

ABSTRACT

THYRISTOR WITH VOLTAGE SURGE LOADABILITY IN THE RECOVERY
TIME

A preferably asymmetrical thyristor (1) with at least one driver stage (20) for amplifying a control current (I) fed into the cathodal base (16) of the thyristor, in which, in the driver stage, the transistor gain factors α_{npn} and α_{pnp} are in each case greater than, preferably, in the thyristor and anode short circuits of the thyristor (174) have a smaller electrical conductivity in the driver stage than in the thyristor.